Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## **DECLARATION FOR PATENT APPLICATION**

Docket Number (Optional)

wy residence, post office address and citizenship are as stated below next to my name.  believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural manes are listed below) of the subject matter which is claimed and of which a patent is sought on the invention entitled EXTENDED LENGTH LIGHT EMITTING DIDDE  attached hereto unless the following box is chocked:    was filled on	As a below named inventor, I he	rehy declare that:		DAKTRONICS
believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural amnes are listed below) of the subject matter which is claimed and or which a patent is sought on the invention entitled EXTENDED LINCTH LIGHT EXETTING DIODE (if the predictation of which a patent is sought on the invention entitled EXTENDED LINCTH LIGHT EXETTING DIODE (if the patent) in the specification of which as utilized States Application Number or PCT International Application (if application) as utilized States Application Number or PCT International Application (if application) and was amended on (if application), including the claims, as mended by any amendment referred to above, acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal equilations, § 1.56. Increby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate Islaed below and have also identified below any toreign application for patent or inventor's certificate Islaed below and have also identified below any toreign application for patent or inventor's certificate Islaed below and have also identified below any toreign application for patent or inventor's certificate Islaed below and have also identified below any toreign application for patent or inventor's certificate awing a titing date before that of the application on which priority is claimed. (Number) (Country) (DayMonth/Year Filed) Plot (Plangellacion(s)) (Country) (DayMonth/Year Filed) Plot (Plangellacion(s)) (Country) (DayMonth/Year Filed) Plot (Plangellacion Number) (Filing Date) (States application in the manner rovided by ine inst paragraph of Title 35, United States Code, § 112, Lacknowledge the duty to disclose information which is hardered in Title 37, Day (Filing Date) (Filing Date) (States		-,	ow next to my name.	
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Indirectly claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate awing a filting date before that of the application on which priority is claimed.    (Number)	-	e information which is material to	patentability as defined in	Title 37, Code of Federal
(Rumber) (Country) (Day/Month/Year Filed) Yes \ No (Number) (Filing Date) (Status application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is snaterial to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.  **Spplication Number** (Filing Date) (Status patented, pending, abandoned)	hereby claim foreign priority ben eventor's certificate listed below aving a filing date before that of	and have also identified below any	foreign application for pat	ent or inventor's certificate
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(Number) (Country) (Day/Monttr/Year Filed)  hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.  Application Number) (Filing Date)  Application the benefit under Title 35, United States Code, § 120 of any United States application in the manner revolved by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is naterial to patentability as defined in Title 37, Code of Federal Regulations, § 1.58 which became available between the filing date of this application and the national or PCT international filing date of this application.  Application Number) (Filing Date) (Status patented, pending, abandoned)  Application Number) (Status patented, pending, abandoned)  Application Number (Status patented, pending, abandoned)  Application Number (Status patented, pending, abandoned)  Application Number (Status patented, pending, abandoned)  Application Numbe	(Number)	(Country)	(Day/Month/Year File	•
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(Filing Date) (Status patented, pending, abandoned)  (Bugh D. Jaeger, Reg. No. 27,270  Hugh D. Jaeger at telephone number 952-475-1880  (Bugh D. Jaeger at telephone number 952-475-188	s the subject matter of each of t	he claims of this application is not	disclosed in the prior Unite	ed States application in the manner
Application Number) (Filing Date) (Status patented, pending, abandoned)  hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:  Hugh D. Jaeger, Reg. No. 27,270  Hugh D. Jaeger at telephone number 952-475-1880  Hugh D. Jaeger 3952-475-2930 FAX  Hugh D. Jaeger	is the subject matter of each of to provided by the first paragraph o	he claims of this application is not f Title 35, United States Code, § 1	disclosed in the prior Unite 12, I acknowledge the duty	ed States application in the manner to disclose information which is
hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:    Hugh D. Jaeger, Reg. No. 27,270     Address all telephone calls to Hugh D. Jaeger at telephone number 952-475-1880     Hugh D. Jaeger at telephone number 952-475-1880     Hugh D. Jaeger 3952-475-2930 FAX     1000 Superior Blvd., Suite 302     Wayzata, MN 55391-1873     Hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and relief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the se so made are punishable by line or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.	is the subject matter of each of to provided by the first paragraph o naterial to patentability as define	he claims of this application is not f Title 35, United States Code, § 1 ad in Title 37, Code of Federal Reg	disclosed in the prior Unite 12, I acknowledge the duty julations, § 1.56 which bec	ed States application in the manner to disclose information which is
Hugh D. Jaeger, Reg. No. 27,270  Address all telephone calls to Address all correspondence to Hugh D. Jaeger at telephone number 952-475-1880  Hugh D. Jaeger at telephone number 952-475-1880  Hugh D. Jaeger 3952-475-2930 FAX  1000 Superior Blvd., Suite 302  Wayzata, MN 55391-1873  Thereby declare that all statements made herein of my own knowledge are true and that all statements made on information and seliel are believed to be true; and further that these statements were made with the knowledge that willful false statements and the ke so made are punishable by line or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.  Full name of sole or first inventor (given name, family name)  Newton's signature Address Same  Fruit name of second joint inventor, if any (given name, family name)  Brookings, SD 57006  Post Office Address  Second Inventor's signature Date Citizenship  Citizenship  Citizenship  Citizenship  Citizenship	is the subject matter of each of the subject matter of each of the first paragraph of the prior application and the national subject to the subjec	the claims of this application is not a Title 35, United States Code, § 1 and in Title 37, Code of Federal Regational or PCT international filing of	disclosed in the prior Unite 12, I acknowledge the duty julations, § 1.56 which bec late of this application.	ed States application in the manner to disclose information which is ame available between the filing date
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Thereby declare that all statements made herein of my own knowledge are true and that all statements made on information and selief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the ke so made are punishable by line or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.  Full name of sole or first inventor (given name, family name)  Neentor's signature  1004 17th Avenue South  Brookings, SD 57006  Post Office Address  Same  Full name of second joint inventor, if any (given name, family name)  Second Inventor's signature  Citizenship  Date  Citizenship	is the subject matter of each of the subject matter of each of the first paragraph of the prior application and the national content of the prior application and the national content of the prior application number)  Application Number (application number)	the claims of this application is not if Title 35, United States Code, § 1 and in Title 37, Code of Federal Regational or PCT international filing of (Filing Date orney(s) and/or agent(s) to prosect onected therewith:	disclosed in the prior Unite 12, I acknowledge the duty pulations, § 1.56 which bec late of this application.  (S) (S) (S) (Ute this application and to	ed States application in the manner to disclose information which is ame available between the filing date.  Status patented, pending, abandoned)  Status patented, pending, abandoned)
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Burden Hour Statement: This form is estimated to take 4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Office of Assistance Quality and Enhancement Division, Patent and Trademark Office, Washington, DC 20231, and to the Office of Information and Regulatory Affairs, Office of Management and Budget (Project 0651-0032), Washington, DC 20503. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

## EXTENDED LENGTH LIGHT EMITTING DIODE

## PARTS LIST

10	extended LED body region	32	face plate
10a	LED body extension	34 36	hole hole
12 12a	body body		
14	extended length light emitting diode		
14a	light emitting diode		
16	reference plane		
16a	LED planar base		
18	electrical connection lead		
19	upper planar surface		
20	electrical connection lead		
22	planar base		
22a	planar base		
24	printed circuit board		
26	coating material		
28	LED die		
30	hole		